

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	(I with Q with (subcarrier\$4 or sub\$2carrier\$4 or subchannel\$4 or sub\$2channel\$4)) same (IFFT) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 10:07
L2	5	(I with Q with (subcarrier\$4 or sub\$2carrier\$4 or subchannel\$4 or sub\$2channel\$4)) and (IFFT) same pilot and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 10:09
L5	3	(complex with (convol\$7) with pilot\$4) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 10:13
L6	3	(convol\$5 same IFFT same pilot) and modul\$5 with (subcarrier\$4 or subchannel\$4 or sub\$2carrier\$4 or sub\$2channel\$4) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 10:23
L7	3	(FDM) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 10:26
L8	4	(pilot with data with (convolut\$5 with encod\$5)) same IFFT and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 10:28
L10	34	(convolution adj encod\$5) and IFFT and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 10:38
L11	19	(data or payload) with (pilot) with (phase) with ((add\$4 or combin\$4 or sum\$4) or (multiplication or multiplied or multiply)) and IFFT and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 10:41

L12	1	("6639950").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/06/18 11:01
L13	135	(add\$4 or combin\$4 or convol\$5 or sum\$4) with (data or payload) with pilot \$4 same IFFT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 11:09
L14	31	(add\$4 or combin\$4 or convol\$5 or sum\$4) with (data or payload) with pilot \$4 same IFFT and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 11:10
L15	2	phase with pilot with data with (add\$4 or sum\$4 or multiplication or multiply) same IFFT and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 11:20
L16	0	(phase adj (add\$4 or combin \$4 or sum\$4)) with pilot with data same IFFT and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 11:22
L17	0	(phase adj1 (add\$4 or combin\$4 or sum\$4 or multiplication or multiply)) with pilot with data same IFFT and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 11:22
L18	1	(PAPR or crest) and (phase with data with pilot) same IFFT and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 11:25
L19	0	(PAPR or crest).ti. and (phase with data with pilot) same IFFT and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 11:27
L20	0	(PAPR or crest).ti. and (phase with data with pilot) and IFFT and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 11:27
L21	3	(PAPR or crest).ti. and ((phase with (rotat\$4 or shift \$4 or modif\$5)) same data same pilot) and IFFT and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 11:28

L22	3692	ofdm and (phase with (shift \$4 or rotat\$5)) and IFFT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 11:37
L23	383	ofdm and (phase with (shift \$4 or rotat\$5)) with pilot and IFFT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 11:37
L24	131	ofdm and (phase with (shift \$4 or rotat\$5)) with pilot with (payload or data) and IFFT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 11:37
L25	23	ofdm and (phase with (shift \$4 or rotat\$5)) with pilot with (payload or data) and IFFT and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 11:37
L26	46	FFT adj modulation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 11:48
S1	76	((BRIAN) near2 (STEWART)). INV.	US-PGPUB; USPAT	OR	ON	2009/03/31 09:33
S2	1	("2006/0269011").URPN.	USPAT	OR	ON	2009/03/31 09:37
S3	3	((("6026123") or ("0752779")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/10/27 11:35
S4	5	motorola and parmelee and jasper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 11:52
S5	826	ofdm and (data or symbol) with (pilot or train\$4 or preamble or control) with (convolut\$3 or (phase near (shift\$3 or rotat\$4 or chang\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 11:54
S6	86	ofdm and (data or symbol) with (pilot or train\$4 or preamble or control) with (convolut\$3 or (phase near (shift\$3 or rotat\$4 or chang\$4))) same (modulat\$5 with (subcarrier or sub-carrier\$3 or sub\$2carrier\$3 or tone\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 11:54

S7	21	ofdm and (data or symbol) with (pilot or train\$4 or preamble or control) with (convolut\$3 or (phase near (shift\$3 or rotat\$4 or chang\$4))) same (modulat\$5 with (subcarrier or sub-carrier\$3 or sub\$2carrier\$3 or tone\$2)) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 12:01
S8	188	ofdm and (data or symbol) with (pilot or train\$4 or preamble or control) with (convolut\$3 or (phase near (shift\$3 or rotat\$4 or chang\$4))) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:21
S9	14	ofdm and (data or symbol) with (pilot or train\$4 or preamble or control) with (convolut\$3) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 13:53
S10	70	ofdm and (data with (control or pilot)) with (add\$3 or combin\$3 or sum\$4) same (subcarrier or sub\$1carrier) same modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:06
S11	8	ofdm and (data with (control or pilot)) with (add\$3 or combin\$3 or sum\$4) same (subcarrier or sub\$1carrier) same modulat\$4 and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 15:16
S12	1	("2006/0269011").URPN.	USPAT	OR	ON	2009/10/27 15:33
S13	6	("20010022777"   "20040264595"   "20060269011"   "5302914"   "5636247"   "7023930"). PN. OR ("7391713").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 15:33
S14	17	convolut\$4 with data with (control or training or pilot) same (subcarrier\$3 or sub-carrier\$2 or tone\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 15:35
S15	7	convolut\$4 with data with (control or training or pilot) same (subcarrier\$3 or sub-carrier\$2 or tone\$2) and @ad<="20031007"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 15:35
S16	81	((BRIAN) near2 (STEWART)). INV.	US-PGPUB; USPAT	OR	ON	2009/10/28 09:14
S17	1	((BRIAN) near2 (STEWART)). INV. and ofdm	US-PGPUB; USPAT	OR	ON	2009/10/28 09:15

S18	2347	"375/240.24".CCLS	US-PGPUB; USPAT	OR	ON	2009/10/28 09:16
S19	14	S18 and ofdm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 09:16
S20	4744	pilot same (data or symbol) same (convolution or convoluting or multipl\$4 or add\$4 or sum\$4 or difference \$3 or subtract\$4 or combin \$4) and ofdm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 09:33
S21	1891	pilot same (data or symbol) same (convolution or convoluting or multipl\$4 or add\$4 or sum\$4 or difference \$3 or subtract\$4 or combin \$4) same (subcarrie\$4 or sub \$1carrier\$4 or tone\$2) and ofdm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 09:33
S22	272	pilot same (data or symbol) same (convolution or convoluting or multipl\$4 or add\$4 or sum\$4 or difference \$3 or subtract\$4 or combin \$4) same (subcarrie\$4 or sub \$1carrier\$4 or tone\$2) same (phase near (shift\$4 or add \$4 or difference or subtract \$4 or rotat\$4)) and ofdm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 09:34
S23	74	pilot same (data or symbol) same (convolution or convoluting or multipl\$4 or add\$4 or sum\$4 or difference \$3 or subtract\$4 or combin \$4) same (subcarrie\$4 or sub \$1carrier\$4 or tone\$2) same (phase near (shift\$4 or add \$4 or difference or subtract \$4 or rotat\$4)) and ofdm and @ad<="20030318"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 09:35
S24	35	pilot with (data or symbol) with (convolution or convoluting or multipl\$4 or add\$4 or sum\$4 or difference \$3 or subtract\$4 or combin \$4) same (subcarrie\$4 or sub \$1carrier\$4 or tone\$2) same (phase near (shift\$4 or add \$4 or difference or subtract \$4 or rotat\$4)) and ofdm and @ad<="20030318"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 10:54

S25	379	pilot with symbol with (multipl\$4 or add\$4 or subtract\$4 or rotat\$4 or shift \$4)and ofdm and @ad<="20030318"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 11:01
S26	97	pilot with symbol with (multipl\$4 or add\$4 or subtract\$4 or rotat\$4 or shift \$4) same (subcarrier\$2 or sub-carrier\$2 or sub\$2carrier \$3) and ofdm and @ad<="20030318"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 11:02
S33	1	("20040268190").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/10/28 13:25
S34	1085	ofdm and (data or symbol) with (pilot) same (( convolution or multipl\$4 or rotat\$4 or shift\$4) with phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 14:33
S35	357	ofdm and (data or symbol) with (pilot) same (( convolution or multipl\$4 or rotat\$4 or shift\$4) with phase) same (subcarrier\$3 or sub\$2carrier\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 14:33
S36	69	ofdm and (data or symbol) with (pilot) same (( convolution or multipl\$4 or rotat\$4 or shift\$4) with phase) same (subcarrier\$3 or sub\$2carrier\$3) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 14:34
S37	1	("7447268").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/10/28 15:05
S38	626	(combin\$4 or add\$4 or sum \$4) with (pilot) with (data or symbol) with phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 15:17
S39	57	(combin\$4 or add\$4 or sum \$4) with (pilot) with (data or symbol) with phase and ofdm and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 15:18

S40	13	("20010005401"   "20010033623"   "20020065047"   "20020145971"   "20020159533"   "20030058968"   "4716574"   "5274629"   "5627863"   "5732113"   "5912876"   "6097714"   "6522700").PN. OR ("7339882").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/28 15:26
S41	486	375/269	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/28 16:17
S43	1076	(375/269,265).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/10/28 16:17
S44	19	S43 and (ofdm) and pilot same phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 16:17
S45	66	(phase near (add\$4 or subtract\$4)) same (data with pilot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 16:56
S46	38	(phase near (add\$4 or subtract\$4)) same (data with pilot) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 16:57
S47	22	(phase near (add\$4 or subtract\$4)) with (data with pilot) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 17:04
S48	6	(phase near (add\$4 or subtract\$4)) with (data with pilot) and ofdm and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 17:04
S49	626	(combin\$4 or add\$4 or sum \$4) with (phase\$4) with pilot with (data or symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 17:14
S50	42	(combin\$4 or add\$4 or sum \$4) with (phase\$4) with pilot with (data or symbol) with ofdm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 17:15

S51	14	(combin\$4 or add\$4 or sum\$4) with (phase\$4) with pilot with (data or symbol) with ofdm and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 17:15
S52	58	(combin\$4 or add\$4 or sum\$4) with (pilot) with (data or symbol) with ofdm and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 17:20
S53	370	(add\$4 or combin\$4) with (data) with pilot with phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/29 09:08
S54	4	(add\$4 or combin\$4) with (data) with pilot with phase same ofdm and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/29 09:20
S55	1	("6026123").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/10/29 09:21
S57	5	("20050034009"   "6956847"   "7068679"   "7164860"   "7227876").PN. OR ("7542479").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 09:32
S58	7	ofdm and (pilot) with data with (embed\$4 or insert\$4) with random	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 10:40
S59	136	ofdm and (pilot) with data with (embed\$4 or insert\$4) and @ad<="20030518"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 10:41
S60	10	("20010018483"   "20010053143"   "20030021332"   "20070053282"   "20070253324"   "6496144"   "6801586"   "6850481"   "6985434"   "7039004").PN. OR ("7463577").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 10:51
S61	5	ofdm and (pilot with control) with data with (embed\$4 or insert\$4) and @ad<="20030518"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 10:54
S62	2	"US 20060269011"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/10/29 11:19



S63	111	ofdm and (pilot or preamble) same ("I" or (real) or in-phase) same ("Q" or quadrature or imaginary) same IFFT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 13:55
S64	18	ofdm and (pilot or preamble) same ("I" or (real) or in-phase) same ("Q" or quadrature or imaginary) same IFFT and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 13:55
S65	100	(pilot) same ("I" or (real) or in-phase) same ("Q" or quadrature or imaginary) same IFFT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 13:59
S66	16	(pilot) same ("I" or (real) or in-phase) same ("Q" or quadrature or imaginary) same IFFT and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 13:59
S67	56	ofdm and IFFT same "I" with "Q" same pilot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 14:00
S68	56	ofdm and IFFT same pilot same ("I" with "Q")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 14:02
S69	6	ofdm and IFFT same pilot same ("I" with "Q") and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 14:03
S70	9	ofdm and IFFT same (preamble or pilot) same (("I" or real) with (quadrature or "Q")) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 14:09
S71	10	IFFT same (preamble or pilot) same (("I" or real) with (quadrature or "Q")) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 14:13
S72	85	IFFT same (preamble or pilot) and (("I" or real) with (quadrature or "Q")) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 14:14

S73	313	IFFT and (preamble or pilot) and ("I" or real) with (quadrature or "Q") and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 14:29
S74	264	ofdm and IFFT and (preamble or pilot) and ("I" or real) with (quadrature or "Q") and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 14:29
S75	1	("7738572").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/06/17 15:15
S76	11	("20030053563"   "20030072393"   "20040092241"   "20050008101"   "20060078058"   "5263196"   "5414728"   "5953311"   "6462626"   "6535560"   "6977977").PN. OR ("7738572").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/17 15:18
S77	1	("20060034378").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/06/17 15:26
S78	1	("20090323510").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/06/17 15:30
S79	1	("(20050084042)").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/06/17 15:31
S80	122	"I" with "Q" with IFFT same modulat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 15:34
S81	40	"I" with "Q" with IFFT same modulat\$5 and @ad<="20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 15:35
S82	1	("5732113").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/06/17 15:35
S83	1	((("7606138") or (""))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/06/17 15:42
S84	3	ofdm and (sub-carrier\$4 or subcarrier\$4 or ton\$4) with ("I" or real) with ("Q" with imaginary) same IFFT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 15:46

S85	20	ofdm and (sub-carrier\$4 or subcarrier\$4 or ton\$4) same ("I" or real) same ("Q" with imaginary) same IFFT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 15:47
S86	97	((multi\$4 or plur\$4) with (sub-carrier\$4 or subcarrier\$4 or ton\$4) and ("I" or real) same ("Q" with imaginary) and IFFT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 15:49
S87	26	((multi\$4 or plur\$4) with (sub-carrier\$4 or subcarrier\$4 or ton\$4) and ("I" or real) same ("Q" with imaginary) and IFFT and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 15:50
S88	567	((multi\$4 or plur\$4) with (IFFT or inverse adj fourier adj transform adj matrix)) same (subcarrier\$4 or sub-carrier\$4 or ton\$4) and OFDM and modul\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 15:59
S89	99	((multi\$4 or plur\$4) with (IFFT or inverse adj fourier adj transform adj matrix)) same (subcarrier\$4 or sub-carrier\$4 or ton\$4) and OFDM and modul\$5 and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 15:59
S90	2	"US 20060269011"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/06/17 16:35
S91	1388	ofdm and (phase with (rotat\$5 or shift\$4)) same (modulat\$5) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 16:48
S92	149	ofdm and (phase with (rotat\$5 or shift\$4)) same (IFFT or inverse adj fast adj fourier adj transform) same (modulat\$5) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 16:48
S93	71	ofdm and (phase with (rotat\$5 or shift\$4)) same (IFFT or inverse adj fast adj fourier adj transform) same (modulat\$5) and pilot\$4 and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 16:53

S94	3	ofdm and IFFT with ((sub-channel or sub-carrier\$4) adj map\$4) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 17:00
S95	4	ofdm and IFFT same ((sub-channel or sub-carrier\$4) adj map\$4) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 17:00
S96	6	ofdm and IFFT same ((sub-channel or subchannel or subcarrier\$4 or sub-carrier \$4) adj map\$4) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 17:00
S97	7	("6389138"   "6535066"   "6618367").PN. OR ("7028246").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/17 17:01
S98	16	IFFT same ((sub-channel or subchannel or subcarrier\$4 or sub-carrier\$4) adj2 map \$4) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 17:02
S99	16	IFFT same ((sub-channel or subchannel or subcarrier\$4 or sub-carrier\$4) adj2 map \$4) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 17:02
S100	68	ofdm and ((sub-channel or subchannel or subcarrier\$4 or sub-carrier\$4) adj2 map \$4) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 17:06
S101	40	((sub-channel or subchannel or subcarrier\$4 or sub-carrier \$4) adj2 map\$4) and IFFT and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 17:31
S102	1	("6026123").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/06/17 18:01
S103	3878	((fft)and ((phase with (rotat \$4 or shift\$4)) or random\$5) same modulat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 18:03
S104	834	((fft) same ((phase with (rotat\$4 or shift\$4)) or random\$5) same modulat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 18:03

S105	22	((fft) same ((phase with (rotat\$4 or shift\$4)) or random\$5) same modulat\$5 same convolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 18:03
S106	142	IFFT same modulat\$5 same (rotat\$4 or shift\$4) same (sub adj1 carrier or sub adj1 channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 18:08
S107	28	IFFT same modulat\$5 same (rotat\$4 or shift\$4) same (sub adj1 carrier or sub adj1 channel) and @ad<="20030318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 18:09

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